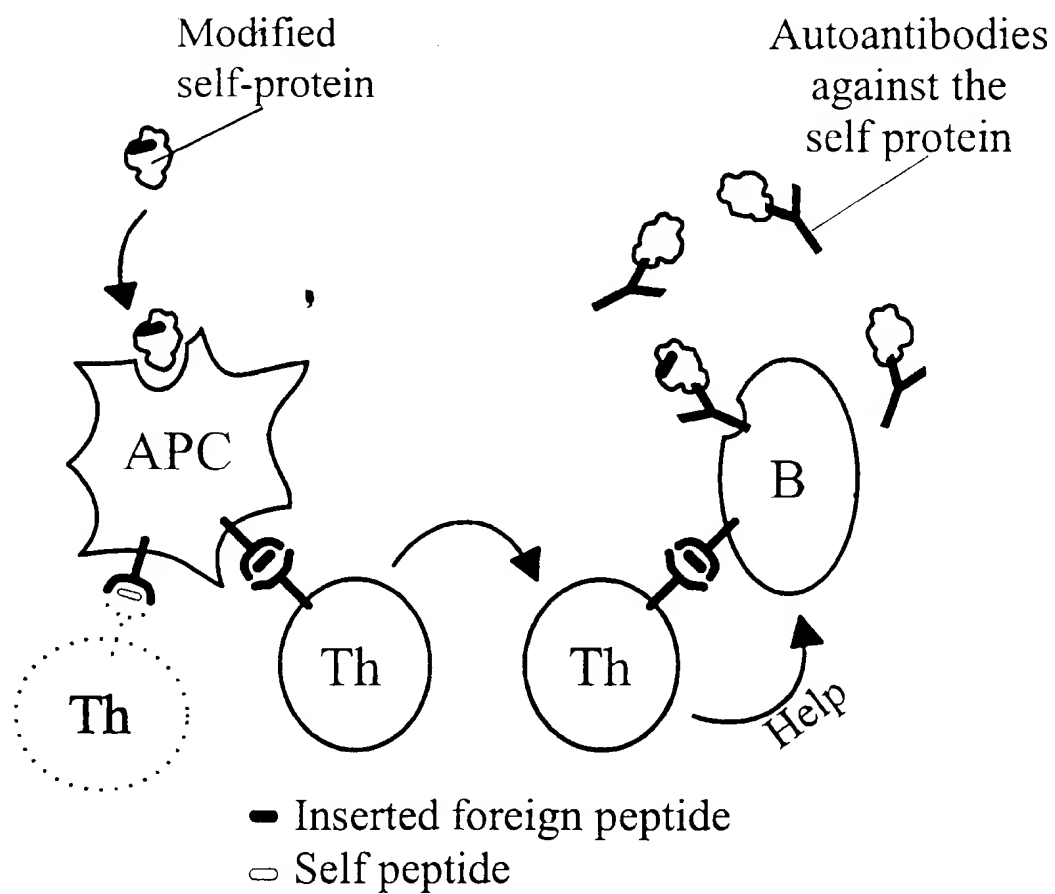


1/6

**Fig. 1**

2/6

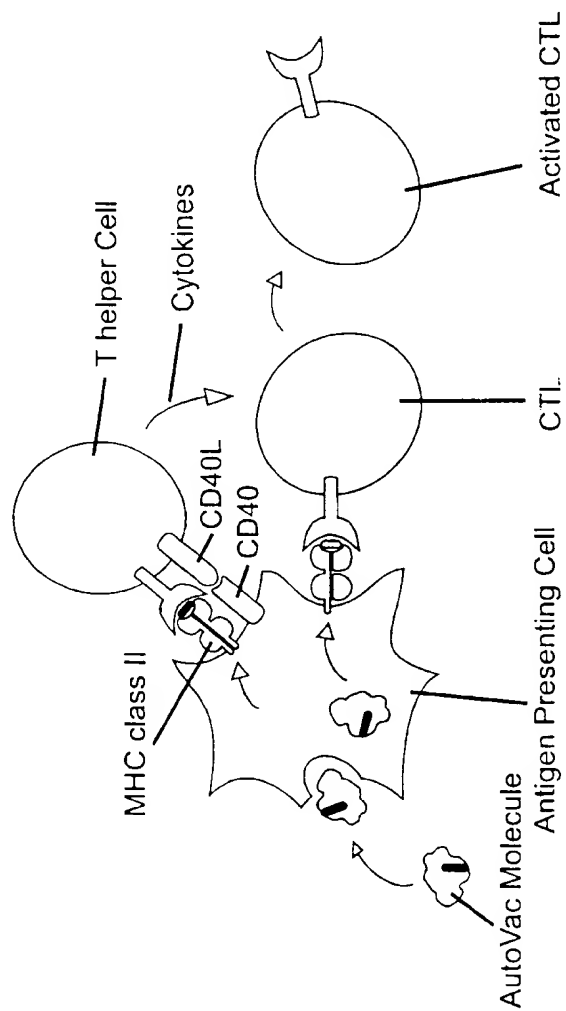


Fig. 2

3/6

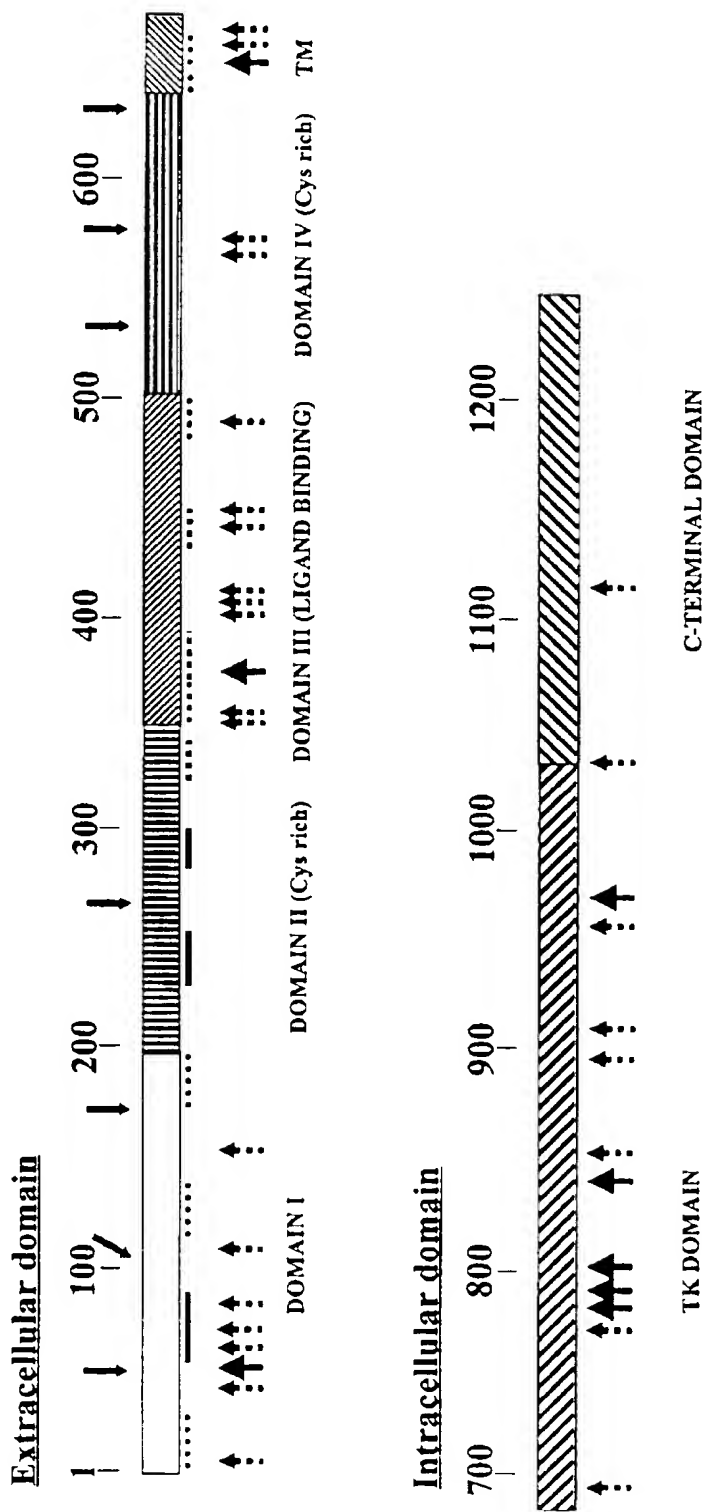


Fig. 3

4/6

# Human PSM constructs (schematic representation)

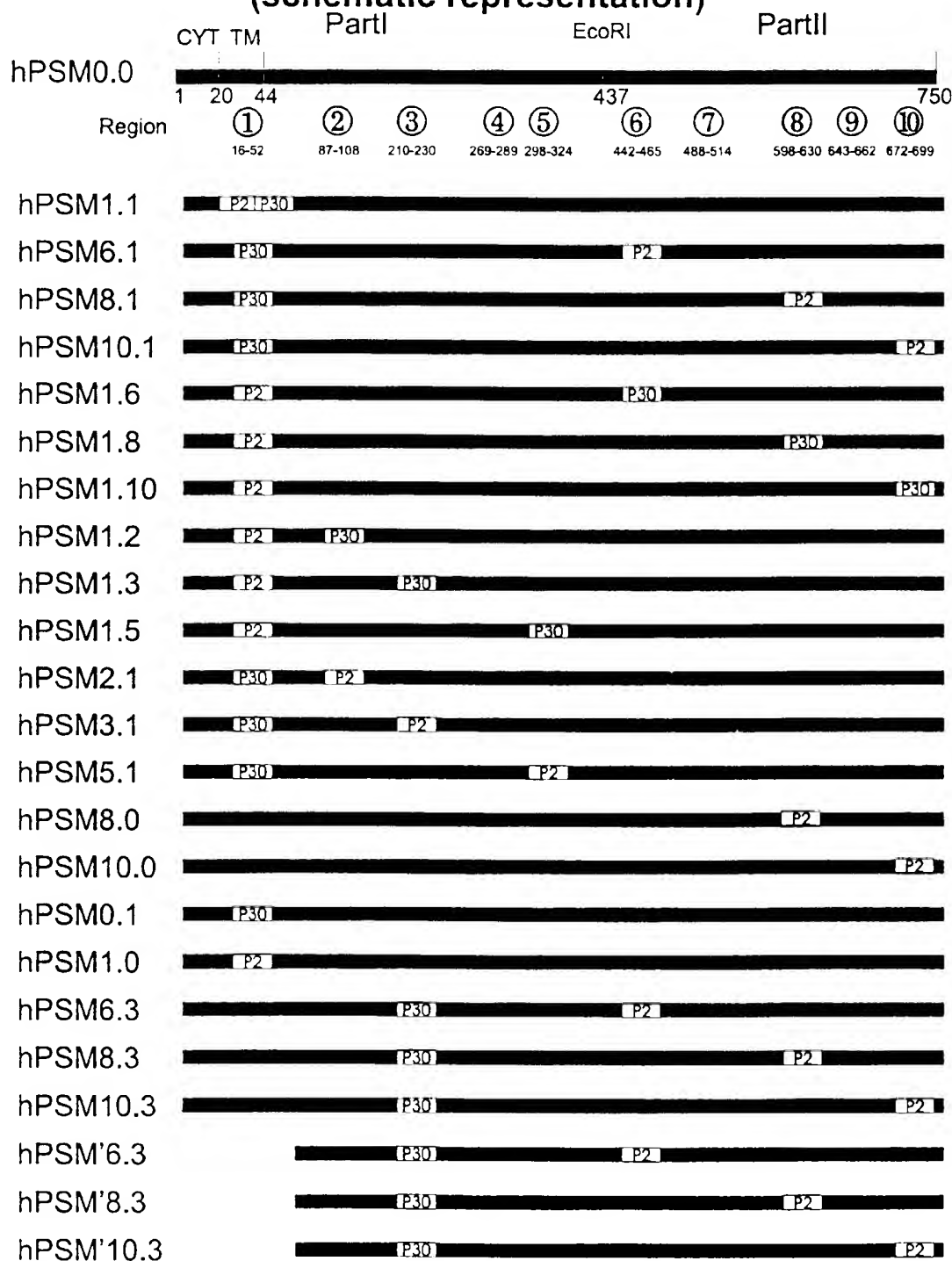


Fig. 4

5/6

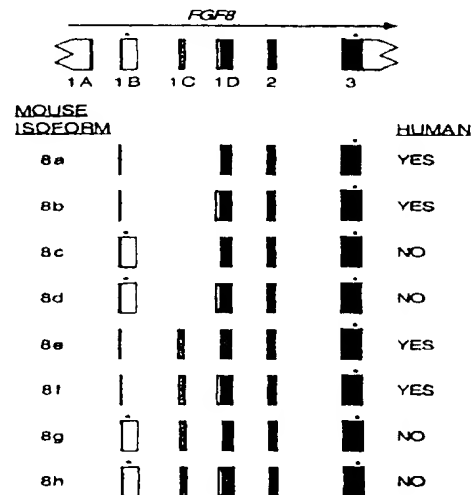
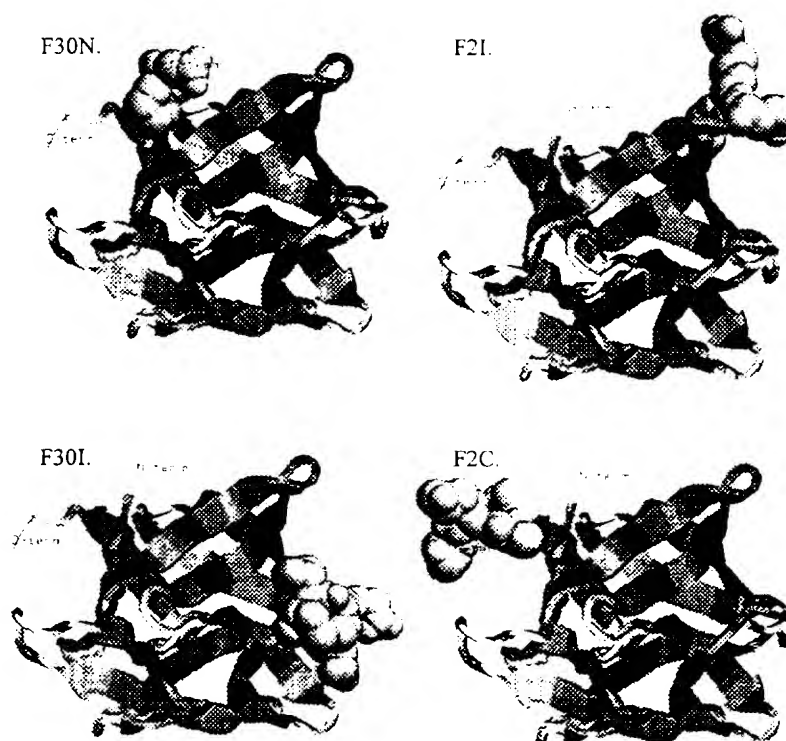


Fig. 5A

FGF8e and -f					FGF8b and -f	
MGSPRSALSC	LLHLLVLCL	QAQEGPGRGP	ALGRELASLF	RAGREPQGV	QQVTVQSSP	31
FTQHVREQL	VTDQLSRRL	RTYQLYSRTS	GKHVQVLANK	RINAMAEDGD	PFAKLIVETD	91
TFGSRVRVRG	AETGLYICMN	KKGKLIASNS	GKGKDCVFTE	IVLENNYTAL	QNAKYEGWYM	151
AFTRKGRPRK	GSKTRQHORE	VHFMKRLPRG	HHTTEQSLRF	EFLNYPPFTR	SLRGSQRTWA	211
PEPR						215

Fig. 5B

6/6



WT	<u>MGSPRSALSCLLIHLVLCLQAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ</u>	66
F30N	MAQVTV <u>FNNFTVSEWLRVPKVSASHLERRLIRTYQLYSRTSGKHVQ</u>	46
F2I	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
F30I	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
F2C	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
WT	VLANKRINAMAE <sup>2</sup> GDPFAKLIVETDTF	GSRVRVGAETGLYICM <sup>2</sup> KKGLIAK 119
F30N	VLANKRINAMAE <sup>2</sup> GDPFAKLIVETDTF	GSRVRVGAETGLYICM <sup>2</sup> KKGLIAK 99
F2I	VLANKRINAMAE <sup>2</sup> GDPFAKLIVETDQYIKANSKEFIGITEL	GSRVRVGAETGLYICM <sup>2</sup> KKGLIAK 112
F30I	VLANKRINAMAE <sup>2</sup> GDPFAKLIVETDTF	GSRVRVGAETGLYICM <sup>2</sup> KKGLIAK 99
F2C	VLANKRINAMAE <sup>2</sup> GDPFAKLIVETDTF	GSRVRVGAETGLYICM <sup>2</sup> KKGLIAK 99
WT	SNG	KGKDCVFTEIGLENNYTALQNAKYE <sup>2</sup> GWMAFTRKGRPRKGSKTRO 167
F30N	SNG	KGKDCVFTEIGLENNYTALQNAKYE <sup>2</sup> GWMAFTRKGRPRKGSKTRO 147
F2I	SNG	KGKDCVFTEIGLENNYTALQNAKYE <sup>2</sup> GWMAFTRKGRPRKGSKTRO 160
F30I	SNG <u>FNNFTVSEWLRVPKVSASHLE</u> DCVFTEIGLENNYTALQNAKYE <sup>2</sup> GWMAFTRKGRPRKGSKTRO	165
F2C	SNG	KGKDCVFTEIGLENNYTALQNAKYE <sup>2</sup> GWMAFTRKGRPRKGSKTRO 147
WT	HQREVHFMFLPPGHHTTEQSLPFEFLNYPFFT	RSLRGSQRTWA PEPR 215
F30N	HQREVHFMFLPPGHHTTEQSLPFEFLNYPFFT	RSLRGSQRTWA PEPP 195
F2I	HQREVHFMFLPPGHHTTEQSLPFEFLNYPFFT	RSLRGSQRTWA PEPP 208
F30I	HQREVHFMFLPPGHHTTEQSLPFEFLNYPFFT	RSLRGSQRTWA PEPP 213
F2C	HQREVHFMFLPPGHHTTEQSLPFEFLNYPFFTQYIKANSKEFIGITEL	PEPP 199

Fig. 6